



Minnesota Ag News – Crop Weather

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COOPERATING WITH THE MN DEPARTMENT OF AGRICULTURE, NATIONAL WEATHER SERVICE - CHANHASSEN, MN

UNIV. OF MINN. EXTENSION SERVICE, DNR STATE CLIMATOLOGY OFFICE, USDA-FSA, USDA-NRCS, and Local FACs

APRIL SHOWERS ENDED PRODUCTIVE WEEK

More warm, dry weather prevailed in Minnesota this past week, creating nearly ideal fieldwork conditions, according to the USDA, NASS, Minnesota Field Office. As of Sunday, April 25, temperatures statewide were more than 5 degrees above normal, and 6.2 days were rated suitable for fieldwork during the week. As a result, corn planting and other spring fieldwork quickly advanced, and soybean planting was underway despite weekend showers. Corn planting advanced 50 percentage points to 63 percent, 29 points above last year and 47 points above the five-year average. Soybean planting began with 4 percent planted, compared to 2 percent last year and 1 percent average. Spring wheat planting was nearing completion with 87 percent planted and 26 percent emerged. Sugarbeet planting leapt to 87 percent planted, 72 points ahead of last week and 69 points ahead of average.

Moderate rains over the weekend covered mostly central and southern areas of the state. The southwest region received an average of a half inch of precipitation, while areas in the north received a tenth of an inch, not enough precipitation to lift no-burn bans and eliminate abnormally dry conditions.

The amount of topsoil moisture supply rated very short to short increased to 33 percent compared to 21 percent last week. The weekend rains were a welcome relief; however, producers could still use more rain to promote germination and growth of emerging crops. Average precipitation levels for the week were a quarter inch below normal. Pasture conditions were rated 60 percent good to excellent.

Days Suitable for Fieldwork: 6.2

	Very Short	Short	Adequate	Surplus
	----- Percent -----			
Topsoil Moisture	9	24	65	2

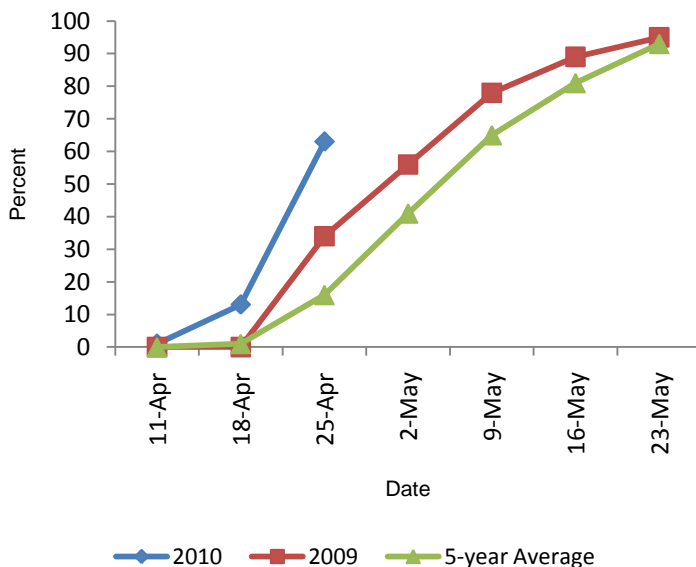
Crop Progress as of April 25, 2010

Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
		----- Percent -----			
Corn	Land Prepared	80	30	50	25
Corn	Planted	63	13	34	16
Corn	Emerged	1	NA	0	0
Soybeans	Land Prepared	22	9	9	5
Soybeans	Planted	4	0	2	1
Spring Wheat	Planted	87	43	12	14
Spring Wheat	Emerged	26	2	1	2
Barley	Planted	88	45	12	13
Barley	Emerged	30	3	1	3
Oats	Planted	85	66	43	32
Oats	Emerged	37	13	2	5
Sugarbeets	Planted	87	15	11	18
Potatoes	Planted	57	27	25	20
Green Peas	Planted	40	21	28	17
Sunflowers	Planted	8	NA	0	0
Canola	Planted	65	NA	0	1
Dry Beans	Planted	1	NA	0	0
Sweet Corn	Planted	9	NA	0	1

Condition as of April 25, 2010

	Very Poor	Poor	Fair	Good	Exc
	----- Percent -----				
Pasture	6	5	29	52	8

Corn Percent Planted



Minnesota will no longer publish Topsoil Moisture Maps. The following links provide further weather-related information and maps for Minnesota:

Minnesota Climatology Working Group provides statewide precipitation maps for the previous week:
<http://climate.umn.edu/doc/weekmap.asp>

Spring flood information:
http://climate.umn.edu/doc/journal/flood_2010/

U.S. drought monitor:
<http://drought.unl.edu/dm/monitor.html>

PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING APRIL 25, 2010:
Temperatures averaged from 2.3 degrees above normal in the Northeast District to 9.2 degrees above normal in the Northwest District.
Extremes: 17 degrees in Hibbing; 77 degrees in Dalton and Moorhead.
Average precipitation ranged from 0.39 inch below normal in the South Central District to 0.05 inch below normal in the East Central and Southwest District. Greatest weekly total of 1.04 inches was recorded in Pipestone.

For a map of Minnesota's precipitation, please see the Minnesota Climatology Group's website;
<http://climate.umn.edu/doc/weekmap.asp>.

Precipitation and Temperature Summary for 4/19/2010 through 4/25/2010

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	From Four Weeks	Norm Since 4/1	Since April 23	Depart from Norm
<u>NW DIST 1</u>										
Crookston	75	36	56.2	10.8	0	-.35	-.74	-.65	34	21
Itasca	73	28	49.6	8.4	.37	-.06	-.53	-.37	23	15
Moorhead	77	33	55.2	8.2	.13	-.21	-.68	-.56	29	15
Warroad	73	31	50.2	9.2	0	-.32	-.67	-.59	31	23
<u>NC DIST 2</u>										
Grand Rapids	75	25	50.0	5.7	.34	-.12	-1.23	-1.08	22	11
Intl. Falls	72	25	48.3	5.6	0	-.35	-1.03	-.92	26	17
Duluth	72	26	45.5	3.5	.10	-.41	-1.39	-1.20	14	6
<u>NE DIST 3</u>										
Grand Marais	58	27	40.9	.2	0	-.33	-1.04	-.92	11	6
Hibbing	73	17	45.7	3.2	.07	-.32	-.86	-.74	22	13
<u>WC DIST 4</u>										
Alexandria	72	35	52.8	6.9	.12	-.35	-.90	-.72	16	3
Browns Valley	74	32	51.2	3.3	.54	.06	-.98	-.79	15	-1
Canby	70	29	51.9	3.3	.45	-.09	-1.55	-1.34	19	2
Dalton	77	38	55.6	8.5	.30	-.08	-.34	-.18	21	7
Montevideo	73	31	53.0	5.4	.55	-.00	-1.47	-1.28	24	9
Morris	72	33	53.8	6.3	.27	-.22	-.43	-.25	22	7
Wheaton	72	37	53.4	6.5	.38	-.09	-.61	-.43	22	7
<u>CENT DIST 5</u>										
Becker	73	30	52.4	4.7	.55	-.06	-.65	-.44	20	5
Collegeville	M	M	M	M	M	M	-.92m	-.72m	M	M
Hutchinson	72	35	55.4	6.9	.22	-.31	2.22	2.41	28	12
Melrose	72	32	52.0	5.5	.33	-.21	-.66	-.47	21	7
Olivia	73	32	53.2	5.7	.25	-.33	-1.59	-1.39	25	10
St. Cloud	73	28	51.2	4.4	.29	-.23	-.73	-.54	18	4
Staples	73	30	51.6	6.3	0	-.48	-1.55	-1.36	23	11
Wadena	73	28	49.0	4.5	.17	-.31	-1.14	-.95	20	9
Willmar	73	35	54.2	6.6	.11	-.41	1.24	1.42	23	8
<u>EC DIST 6</u>										
Aitkin	75	25	49.2	5.1	.32	-.19	-1.31	-1.13	20	10
Forest Lake	74	26	51.5	3.9	.67	.07	-.35	-.16	22	7
Hinckley	73	25	47.2	3.0	.54	-.03	-.67	-.46	17	6
MSP Airport	71	34	55.2	5.5	.54	-.02	.23	.44	21	4
St. Paul - UofM	71	33	53.2	4.0	.53	-.09	-.44	-.22	20	3
<u>SW DIST 7</u>										
Lamberton	73	34	55.6	7.5	.18	-.49	-.48	-.25	29	13
Marshall	73	37	55.0	6.7	.25	-.32	-1.31	-1.09	30	14
Pipestone	72	36	54.0	6.3	1.04	.45	-.57	-.36	25	10
Redwood Falls	74	36	55.5	5.5	.71	.09	-.88	-.66	20	1
Worthington	71	37	54.6	8.0	.30	-.36	-.44	-.22	27	14
<u>SC DIST 8</u>										
Faribault	71	32	53.8	6.6	.26	-.44	-1.45	-1.22	27	13
Mankato	72	34	54.5	5.8	.62	-.12	-1.47	-1.20	28	12
Waseca	72	36	55.7	7.7	0	-.78	-1.75	-1.46	28	13
Winnebago	74	36	56.4	7.4	.53	-.22	-1.27	-1.03	32	15
<u>SE DIST 9</u>										
Preston	70	29	51.7	3.9	.44	-.37	-1.39	-1.13	24	10
Red Wing	70	36	53.3	4.4	.39	-.29	-.85	-.62	23	6
Rochester	69	35	53.6	6.0	.38	-.36	-1.72	-1.48	17	3
Rosemount	71	32	52.8	4.5	.27	-.43	-1.04	-.79	23	7
Winona	71	37	54.0	5.2	.35	-.48	-2.10	-1.84	20	4
m=some data missing										

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